## **Table ENG-6. - Sanitary Facilities**

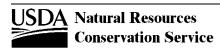
Northumberland and Lancaster Counties, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
a co	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BeA:		.,					
Beltsville	85	Very limited Seepage Depth to saturated	1.00 1.00	Very limited  Depth to cemented pan	1.00	Very limited  Depth to cemented pan	1.00
		zone		Seepage	1.00	Depth to saturated	0.86
		Depth to thin cemented pan	0.50	Depth to saturated zone	0.75	zone Too clayey	0.50
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	6	Not Rated		Not Rated		Not Rated	
Caroline	3	Not Rated		Not Rated		Not Rated	
BeB:							
Beltsville	85	Very limited		Very limited		Very limited	
		Seepage Depth to saturated	1.00 1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		zone		Seepage	1.00	Depth to saturated	0.86
		Depth to thin cemented pan	0.50	Depth to saturated zone	0.75	zone Too clayey	0.50
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	6	Not Rated		Not Rated		Not Rated	
Caroline	3	Not Rated		Not Rated		Not Rated	
BeB2:							
Beltsville	85	Very limited		Very limited		Very limited	
		Seepage Depth to saturated	1.00 1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		zone		Seepage	1.00	Depth to saturated	0.86
		Depth to thin cemented pan	0.50	Depth to saturated zone	0.75	zone Too clayey	0.50
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	6	Not Rated		Not Rated		Not Rated	
Caroline	3	Not Rated		Not Rated		Not Rated	
Br:							
Bertie	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Seepage	1.00	Seepage	1.00	Seepage	0.50
		Too Sandy	1.00			Too Sandy	0.50

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Br: Fallsington	3	Not Rated		Not Rated		Not Rated	
Matapeake	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated		Not Rated	
Mattapex	2	Not Rated		Not Rated		Not Rated	
Woodstown	2	Not Rated		Not Rated		Not Rated	
Bt: Bladen	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 1.00
Craven	5	Not Rated		Not Rated		Not Rated	
Elkton	5	Not Rated		Not Rated		Not Rated	
Lenoir	5	Not Rated		Not Rated		Not Rated	
CaC3: Caroline	85	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
Beltsville	6	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
CaD3: Caroline	85	Very limited Depth to saturated zone Slope Too clayey	1.00 0.84 0.50	Very limited Depth to saturated zone Slope	1.00	Somewhat limited Slope Too clayey	0.84 0.50
Beltsville	6	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
CfB2:							

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and communic	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CfB2: Caroline	85	Very limited  Depth to saturated  zone  Too clayey	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
Beltsville	6	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
CfC2: Caroline	85	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Too clayey	0.50
Beltsville	6	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
Co: Coastal beach	100	Not Rated		Not Rated		Not Rated	
CrD3: Craven	85	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Too clayey Depth to saturated zone Slope	1.00 0.47 0.37
Bertie	4	Not Rated		Not Rated		Not Rated	
Elkton	4	Not Rated		Not Rated		Not Rated	
Mattapex	4	Not Rated		Not Rated		Not Rated	
Lenoir	3	Not Rated		Not Rated		Not Rated	
CsA: Craven	85	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.47
Bertie	4	Not Rated		Not Rated		Not Rated	
Elkton	4	Not Rated		Not Rated		Not Rated	



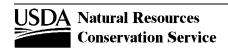
Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CsA:					•		
Mattapex	4	Not Rated		Not Rated		Not Rated	
Lenoir	3	Not Rated		Not Rated		Not Rated	
CsB2:							
Craven	85	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited  Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.47
Bertie	4	Not Rated		Not Rated		Not Rated	
Elkton	4	Not Rated		Not Rated		Not Rated	
Mattapex	4	Not Rated		Not Rated		Not Rated	
Lenoir	3	Not Rated		Not Rated		Not Rated	
CsC2:							
Craven	85	Very limited  Depth to saturated zone  Too clayey Seepage	1.00 1.00 1.00	Very limited  Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.47
Bertie	4	Not Rated		Not Rated		Not Rated	
Elkton	4	Not Rated		Not Rated		Not Rated	
Mattapex	4	Not Rated		Not Rated		Not Rated	
Lenoir	3	Not Rated		Not Rated		Not Rated	
Dr:							
Dragston	85	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Seepage Depth to saturated zone Too Sandy	1.00 1.00 0.50
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
Bertie	2	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Dr: Sassafras	2	Not Rated		Not Rated		Not Rated	
Ek:							
Elkton	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited  Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 1.00
Bertie	4	Not Rated	1.00	Not Rated		Not Rated	1.00
Lenoir	4	Not Rated		Not Rated		Not Rated	
Othello	4	Not Rated		Not Rated		Not Rated	
Craven	3	Not Rated		Not Rated		Not Rated	
Fa:							
Fallsington	85	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Too Sandy Seepage	1.00 1.00	Seepage	1.00	Too Sandy Seepage	0.50 0.21
Bertie	4	Not Rated		Not Rated		Not Rated	
Othello	4	Not Rated		Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
KeA:							
Kempsville	85	Not limited		Very limited Seepage	1.00	Not limited	
Sassafras	5	Not Rated		Not Rated		Not Rated	
Beltsville	4	Not Rated		Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sloping sandy land	1	Not Rated		Not Rated		Not Rated	
Steep sandy land	1	Not Rated		Not Rated		Not Rated	
KeB: Kempsville	85	Not limited		Very limited Seepage	1.00	Not limited	
Sassafras	5	Not Rated		Not Rated		Not Rated	

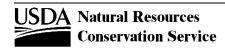
Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and communic	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
KeB: Beltsville	4	Not Rated	•	Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sloping sandy land	1	Not Rated		Not Rated		Not Rated	
Steep sandy land	1	Not Rated		Not Rated		Not Rated	
KeB2:							
Kempsville	85	Not limited		Very limited Seepage	1.00	Not limited	
Sassafras	5	Not Rated		Not Rated		Not Rated	
Beltsville	4	Not Rated		Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sloping sandy land	1	Not Rated		Not Rated		Not Rated	
Steep sandy land	1	Not Rated		Not Rated		Not Rated	
KeC2:							
Kempsville	85	Not limited		Very limited Seepage	1.00	Not limited	
Sassafras	5	Not Rated		Not Rated		Not Rated	
Beltsville	4	Not Rated		Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sloping sandy land	1	Not Rated		Not Rated		Not Rated	
Steep sandy land	1	Not Rated		Not Rated		Not Rated	
KeC3:							
Kempsville	85	Not limited		Very limited Seepage	1.00	Not limited	
Sassafras	5	Not Rated		Not Rated		Not Rated	
Beltsville	4	Not Rated		Not Rated		Not Rated	
Woodstown	4	Not Rated		Not Rated		Not Rated	
Sloping sandy land	1	Not Rated		Not Rated		Not Rated	
Steep sandy land	1	Not Rated		Not Rated		Not Rated	
LaB:							

Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LaB: Lakeland	85	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
Sassafras	8	Not Rated		Not Rated		Not Rated	
Woodstown	7	Not Rated		Not Rated		Not Rated	
Le: Lenoir	85	Very limited Depth to saturated zone Too clayey	1.00 1.00	Very limited  Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.96
Bertie	4	Not Rated		Not Rated		Not Rated	
Elkton	4	Not Rated		Not Rated		Not Rated	
Mattapex	4	Not Rated		Not Rated		Not Rated	
Craven	3	Not Rated		Not Rated		Not Rated	
Lo: Local alluvial land	90	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Sassafras	5	Not Rated		Not Rated		Not Rated	
MaA: Matapeake	85	Very limited Seepage	1.00	Not limited		Somewhat limited Too clayey Seepage	0.50 0.21
Bertie	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
MaB: Matapeake	85	Very limited Seepage	1.00	Not limited		Somewhat limited Too clayey Seepage	0.50 0.21
Bertie	3	Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Pct Sanita of Landf			Area Sanitary Landfill		Daily Cover for Landfill	
a.ia 55	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MaB:	2	Net Detect		Net Detect		Not Detect	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
MaB2: Matapeake	85	Very limited		Not limited		Somewhat limited	
		Seepage	1.00			Too clayey Seepage	0.50 0.21
Bertie	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
MaC2:							
Matapeake	85	Very limited Seepage	1.00	Not limited		Somewhat limited Too clayey Seepage	0.50 0.21
Bertie	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
MaD2: Matapeake	85	Very limited Seepage Slope	1.00 0.84	Somewhat limited Slope	0.84	Somewhat limited Slope Too clayey Seepage	0.84 0.50 0.21
Bertie	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	



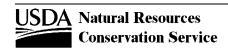
Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and Joh Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MaD2:							
Sassafras	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
Mt:							
Mattapex	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.68
		Seepage Too clayey	1.00 0.50			Too clayey	0.50
Bertie	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	
Matapeake	3	Not Rated		Not Rated		Not Rated	
Othello	3	Not Rated		Not Rated		Not Rated	
Woodstown	3	Not Rated		Not Rated		Not Rated	
Mx:							
Mixed alluvial land	80	Not Rated		Not Rated		Not Rated	
Ot:							
Othello	85	Very limited  Depth to saturated	1.00	Very limited  Depth to saturated	1.00	Very limited  Depth to saturated	1.00
		zone	1.00	zone	1.00	zone	1.00
		Seepage Too clayey	1.00 0.50	Seepage	1.00	Too clayey	0.50
Elkton	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Bertie	2	Not Rated		Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated		Not Rated	
Matapeake	2	Not Rated		Not Rated		Not Rated	
RtB:							
Rumford	85	Very limited Too Sandy Seepage	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
Kempsville	8	Not Rated		Not Rated		Not Rated	
Sassafras	7	Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	of Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
RuB: Rumford	85	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Seepage	1.00
Kempsville	8	Not Rated		Not Rated		Not Rated	
Sassafras	7	Not Rated		Not Rated		Not Rated	
RuC2:							
Rumford	85	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Seepage	1.00
Kempsville	8	Not Rated		Not Rated		Not Rated	
Sassafras	7	Not Rated		Not Rated		Not Rated	
SaA: Sassafras	85	Very limited Depth to saturated zone Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Too Sandy Seepage	0.50 0.21
Woodstown	8	Seepage  Not Rated	1.00	Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaB: Sassafras	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Depth to saturated zone Seepage	1.00 1.00	Too Sandy Seepage	0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaB2:							
Sassafras	85	Very limited  Depth to saturated zone  Too Sandy Seepage	1.00 1.00 1.00	Very limited  Depth to saturated zone  Seepage	1.00	Somewhat limited Too Sandy Seepage	0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaC2:							



Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SaC2: Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Too Sandy Seepage	0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaC3:							
Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00	Somewhat limited Too Sandy Seepage	0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaD2:							
Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.84	Somewhat limited Slope Too Sandy Seepage	0.84 0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SaD3: Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.84	Somewhat limited Slope Too Sandy Seepage	0.84 0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SfA: Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Too Sandy Seepage	0.50 0.21



Map Symbol and Soil Name	Pct of	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SfA:					•		
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SfB:							
Sassafras	85	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Too Sandy Seepage	0.50 0.21
Woodstown	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
SsD:							
Sloping sandy land	90	Not Rated		Not Rated		Not Rated	
StE: Steep sandy land	90	Not Rated		Not Rated		Not Rated	
Th: Tidal marsh, high	90	Not Rated		Not Rated		Not Rated	
To: Tidal marsh, low	90	Not Rated		Not Rated		Not Rated	
W: Water	100	Not Rated		Not Rated		Not Rated	
Wo: Woodstown	85	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00	Somewhat limited Depth to saturated zone	0.86
Bertie	3	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Mattapex	3	Not Rated		Not Rated		Not Rated	
Sassafras	3	Not Rated		Not Rated		Not Rated	